

Outdoor Cabinet Series C&I Energy Storage System

HJ-ESS-100A



Peak Load Shifting

Wall-mounted structure that efficiently utilizes space, ideal for indoor installation



Backup Power

Seamless integration with solar panels and grid systems, offering off-grid, grid-tied, and hybrid configurations



Improve the stability of the electricity system

Advanced energy management ensures optimal charge and discharge performance

> Application Scenario

- ✓ Quick power response, supporting multiple modes such as virtual power plants, grid-connected, off-grid and other modes
- ✓ Local collection, intelligent monitoring, remote operation and maintenance
- ✓ All-in-one design greatly reduces transportation, field installation time and cost
- ✓ 4. Standardized interfaces allow for multiple machines to be connected in parallel, making it easy to expand and ensuring batch manufacturing processes

HJ-ESS-100A (50KW/100KWh)			
DC Parameters		AC Parameters	
Battery Type	Lithium Iron Phosphate	AC Side Rated Power	50KW
Cell Capacity	3.2V/280Ah	AC Side Maximum Power	55KW
System Battery Configuration	1P112S	Cable Total Harmonic Distortion Rate	At Rated Power <3%
Rated Battery Capacity	100KWh	Rated AC Side Voltage	380V AC
Battery Voltage Range	DC280-403V	AC Connection Method	3P+N+PE
Charging And Discharging Rate	0.5C	Rated Grid Frequency	50/60Hz
Discharge depth	80%	Power Factor Range	0.98
Battery Cooling Method	Forced Air Cooling	Off-Grid Operation	Support
System Parameters			
Size W*D*H	2000mm*800mm*900mm	Temperature Control Method	Natural Heat Dissipation
IP Code	IP65	Fire Protection Plan	Aerosol
System Communication Protocol	Standard: Modbus	Communication Interface	RS485、RJ45

Contact Us

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